

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 11, 2005, 18:46:16 ; Search time 27 Seconds
(without alignments)
28.276 Million cell updates/sec

Title: US-09-733-179a-2

Perfect score: 84

Sequence: 1 CGTQARQSDPSTGPI 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 217621 seqs, 50897439 residues

Total number of hits satisfying chosen parameters: 217621

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1000 summaries

Database : Pending_Patents_AA_New.*

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3: /cgn2_6/ptodata/2/paa/US07_NEW_COMB.pep.*

4: /cgn2_6/ptodata/2/paa/US08_NEW_COMB.pep.*

5: /cgn2_6/ptodata/2/paa/US09_NEW_COMB.pep.*

6: /cgn2_6/ptodata/2/paa/US10_NEW_COMB.pep.*

7: /cgn2_6/ptodata/2/paa/US11_NEW_COMB.pep.*

8: /cgn2_6/ptodata/2/paa/US60_NEW_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	84	100.0	643	1	PCT-US03-12946-2956
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5	42	50.0	641	6	US-10-408-765-1675
6	41	48.8	300	6	US-10-857-765-8
7	41	48.8	371	6	US-10-857-765-6
8	41	48.8	424	6	US-10-732-923-1548
9	40.5	48.2	828	6	US-10-995-561-983
10	40.5	48.2	828	6	US-60-636-722-329
11	40.5	48.2	828	6	US-60-636-722-331
12	40.5	48.2	918	6	US-10-995-561-981
13	40.5	48.2	918	8	US-60-636-722-327
14	40.5	48.2	918	8	US-60-636-722-333
15	40.5	48.2	999	6	US-10-486-678-14
16	40.5	48.2	1019	6	US-10-486-678-13
17	40.5	48.2	1019	6	US-10-995-561-982
18	40.5	48.2	1019	8	US-60-636-722-326
19	40.5	48.2	1019	8	US-60-636-722-330
20	40.5	48.2	1019	8	US-60-636-722-332
21	40	47.6	142	6	US-10-220-366A-26747
22	40	47.6	199	6	US-10-408-765-2530
23	40	47.6	316	6	US-10-408-765-2776
24	40	47.6	348	6	US-10-871-385-13
25	40	47.6	407	7	US-11-016-106-5

26	40	47.6	410	7	US-11-016-106-4	Sequence 4, Appli
27	40	47.6	508	6	US-10-732-923-6583	Sequence 6583, Ap
28	40	47.6	721	1	PCT-US02-09107B-48511	Sequence 48511, A
29	40	47.6	780	6	US-10-732-923-1580	Sequence 1580, Ap
30	39	46.4	132	6	US-10-399-103A-826	Sequence 826, App
31	39	46.4	374	6	US-10-399-103A-728	Sequence 728, App
32	39	46.4	386	1	PCT-US02-09107B-53209	Sequence 53209, A
33	39	46.4	437	1	PCT-US02-09107B-50329	Sequence 50329, A
34	39	46.4	440	6	US-10-492-782-20	Sequence 20, Appl
35	39	46.4	441	1	PCT-US03-12946-2942	Sequence 2942, Ap
36	39	46.4	466	6	US-10-732-923-11120	Sequence 11120, A
37	39	46.4	471	1	PCT-US04-24204-32	Sequence 32, Appl
38	39	46.4	471	6	US-10-899-557-32	Sequence 32, Appl
39	39	46.4	521	1	US-10-408-765-710	Sequence 710, App
40	39	46.4	790	1	PCT-US02-09107B-53045	Sequence 53045, A
41	39	46.4	865	1	PCT-US02-09107B-58799	Sequence 58799, A
42	39	46.4	1328	6	US-10-408-765-2611	Sequence 2611, Ap
43	38	45.2	213	7	US-11-001-793-9619	Sequence 9619, Ap
44	38	45.2	234	6	US-10-732-923-11035	Sequence 11035, A
45	38	45.2	250	6	US-10-732-923-11034	Sequence 11034, A
46	38	45.2	277	1	PCT-US04-37471-20	Sequence 20, Appl
47	38	45.2	277	6	US-10-986-466-20	Sequence 20, Appl
48	38	45.2	411	6	US-10-732-923-11033	Sequence 11033, A
49	38	45.2	411	8	US-60-613-702-5	Sequence 5, Appli
50	38	45.2	432	7	US-11-016-106-10	Sequence 10, Appl
51	38	45.2	435	1	PCT-US02-09107B-49410	Sequence 49410, A
52	38	45.2	853	1	PCT-US02-09107B-53919	Sequence 53919, A
53	38	45.2	1731	6	US-10-732-923-8855	Sequence 8855, Ap
54	38	45.2	2066	6	US-10-990-328-10927	Sequence 10927, A
55	38	45.2	2066	6	US-10-990-328-10929	Sequence 10929, A
56	38	45.2	2999	6	US-10-732-923-8107	Sequence 8107, Ap
57	38	45.2	3035	6	US-10-732-923-8108	Sequence 8108, Ap
58	38	45.2	3081	6	US-10-990-328-10926	Sequence 10926, A
59	38	45.2	3124	6	US-10-732-923-8854	Sequence 8854, Ap
60	38	45.2	10421	1	PCT-US02-09107B-61631	Sequence 61631, A
61	37	44.0	125	6	US-10-220-366A-14102	Sequence 14102, A
62	37	44.0	225	6	US-10-970-713-76	Sequence 76, Appl
63	37	44.0	273	1	PCT-US04-38392-30	Sequence 30, Appl
64	37	44.0	273	6	US-10-983-340-30	Sequence 30, Appl
65	37	44.0	292	6	US-10-777-288A-3849	Sequence 3849, Ap
66	37	44.0	305	6	US-10-857-765-2	Sequence 2, Appli
67	37	44.0	387	6	US-10-965-898-70	Sequence 70, Appl
68	37	44.0	436	1	PCT-US02-09107B-62277	Sequence 62277, A
69	37	44.0	680	1	PCT-US02-09107B-69670	Sequence 69670, A
70	37	44.0	796	1	PCT-US02-09107B-71888	Sequence 71888, A
71	37	44.0	821	6	US-10-408-765-1582	Sequence 1582, Ap
72	37	44.0	830	6	US-10-995-561-899	Sequence 899, App
73	37	44.0	1417	6	US-10-408-765-1992	Sequence 1992, Ap
74	37	44.0	1472	6	US-10-732-923-22314	Sequence 22314, A
75	37	44.0	1953	6	US-10-732-923-8577	Sequence 8577, Ap
76	36.5	43.5	157	7	US-11-001-793-9773	Sequence 9773, Ap
77	36	42.9	86	6	US-10-220-366A-14381	Sequence 14381, A
78	36	42.9	100	6	US-10-777-288A-2055	Sequence 2055, Ap
79	36	42.9	138	1	PCT-US02-09107B-53643	Sequence 53643, A
80	36	42.9	138	1	PCT-US02-09107B-53863	Sequence 53863, A
81	36	42.9	138	1	PCT-US02-09107B-53948	Sequence 53948, A
82	36	42.9	138	1	PCT-US02-09107B-54083	Sequence 54083, A
83	36	42.9	163	6	US-10-777-288A-2541	Sequence 2541, Ap
84	36	42.9	243	6	US-10-496-905-402	Sequence 402, App
85	36	42.9	243	6	US-10-492-179-22	Sequence 22, Appl
86	36	42.9	244	6	US-10-970-648-6	Sequence 6, Appli
87	36	42.9	244	6	US-10-491-717-4	Sequence 4, Appli
88	36	42.9	244	6	US-10-495-317-6	Sequence 6, Appli
89	36	42.9	244	6	US-10-496-905-404	Sequence 404, App
90	36	42.9	244	6	US-10-296-865-6	Sequence 6, Appli
91	36	42.9	316	6	US-10-961-070-2	Sequence 2, Appli
92	36	42.9	328	1	PCT-US02-09107B-61804	Sequence 61804, A
93	36	42.9	392	6	US-10-399-103A-721	Sequence 721, App
94	36	42.9	407	6	US-10-408-765-2354	Sequence 2354, Ap
95	36	42.9	414	8	US-60-629-811-88	Sequence 88, Appl
96	36	42.9	417	6	US-10-940-655A-4	Sequence 4, Appli
97	36	42.9	422	7	US-10-871-385-13	Sequence 13, Appl
98	36	42.9	432	6	US-10-732-923-6030	Sequence 6030, Ap

99	36	42.9	546	6	US-10-994-151-84	Sequence 84, Appl	172	35	41.7	915	6	US-10-952-045-74	Sequence 74, Appl
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103	36	42.9	775	6	US-10-990-328-11547	Sequence 11547, A	176	35	41.7	1003	6	US-10-408-765-1004	Sequence 1004, A
104	36	42.9	796	1	PCT-US02-09107B-44097	Sequence 44097, A	177	35	41.7	1164	1	PCT-US02-09107B-47762	Sequence 47762, A
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107	36	42.9	1141	6	US-10-990-328-12128	Sequence 12128, A	180	35	41.7	1260	1	PCT-US02-09107B-50801	Sequence 50801, A
108	36	42.9	1336	6	US-10-408-765-1449	Sequence 1449, A	181	35	41.7	1378	6	PCT-US02-09107B-19477	Sequence 19477, A
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110	36	42.9	1430	6	US-10-408-765-1083	Sequence 1083, A	183	35	41.7	1511	1	US-10-840-512-167	Sequence 167, A
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112	35.5	42.3	523	6	US-10-732-923-871	Sequence 871, A	185	35	41.7	1119	6	US-10-777-288A-3416	Sequence 3416, A
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114	35.5	42.3	578	1	PCT-US02-09107B-64783	Sequence 64783, A	187	35	41.7	557	6	US-10-955-745-92	Sequence 92, A
115	35.5	42.3	582	8	US-60-636-722-973	Sequence 973, A	188	35	41.7	557	6	US-10-955-745-93	Sequence 93, A
116	35.5	42.3	612	8	US-60-636-722-971	Sequence 971, A	189	35	41.7	557	6	US-10-955-745-178	Sequence 178, A
117	35.5	42.3	615	8	US-60-636-722-972	Sequence 972, A	190	35	41.7	557	6	US-10-955-745-90	Sequence 90, A
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122	35.5	42.3	1017	6	US-10-408-765-158	Sequence 158, A	195	35	41.7	86	6	US-10-220-366A-19794	Sequence 19794, A
123	35.5	42.3	1330	6	US-10-732-923-22501	Sequence 22501, A	196	35	41.7	114	6	US-10-732-923-2319	Sequence 2319, A
124	35.5	42.3	43	6	US-10-963-903-133	Sequence 133, A	197	35	41.7	135	6	US-10-732-923-2351	Sequence 2351, A
125	35	41.7	95	7	US-10-220-366A-22535	Sequence 22535, A	198	35	41.7	143	6	US-10-732-923-2319	Sequence 2319, A
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128	35	41.7	103	7	US-10-990-328-12206	Sequence 12206, A	201	35	41.7	162	6	US-10-732-923-5883	Sequence 5883, A
129	35	41.7	107	6	US-10-990-328-12204	Sequence 12204, A	202	35	41.7	164	6	US-10-732-923-5879	Sequence 5879, A
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132	35	41.7	211	6	US-10-963-903-131	Sequence 131, A	205	35	41.7	188	6	US-10-732-923-4680	Sequence 4680, A
133	35	41.7	225	6	US-10-408-765-785	Sequence 785, A	206	35	41.7	203	1	US-10-220-366A-20048	Sequence 20048, A
134	35	41.7	237	6	US-10-777-288A-2904	Sequence 2904, A	207	35	41.7	223	6	US-10-777-288A-2188	Sequence 2188, A
135	35	41.7	258	1	PCT-US02-09107B-74925	Sequence 74925, A	208	35	41.7	246	6	US-10-732-923-17990	Sequence 17990, A
136	35	41.7	258	1	PCT-US02-09107B-75519	Sequence 75519, A	209	35	41.7	246	6	US-10-732-923-17990	Sequence 17990, A
137	35	41.7	263	6	US-10-732-923-13421	Sequence 13421, A	210	35	41.7	232	6	US-10-990-328-11041	Sequence 11041, A
138	35	41.7	288	7	US-11-001-793-8748	Sequence 8748, A	211	35	41.7	332	6	US-10-788-197-57	Sequence 47, A
139	35	41.7	362	7	US-10-963-903-68	Sequence 68, A	212	35	41.7	332	6	US-10-788-197-47	Sequence 49, A
140	35	41.7	362	7	US-10-963-903-68	Sequence 68, A	213	35	41.7	332	6	US-10-788-197-47	Sequence 49, A
141	35	41.7	385	6	US-10-482-526A-364	Sequence 364, A	214	35	41.7	336	1	US-10-990-328-10719	Sequence 10719, A
142	35	41.7	385	6	US-10-482-526A-364	Sequence 364, A	215	35	41.7	340	7	US-10-990-328-10719	Sequence 10719, A
143	35	41.7	387	6	US-10-732-923-19380	Sequence 19380, A	216	35	41.7	350	6	US-10-732-923-17990	Sequence 17990, A
144	35	41.7	394	6	US-10-963-903-137	Sequence 137, A	217	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
145	35	41.7	447	6	US-10-990-328-7950	Sequence 7950, A	218	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
146	35	41.7	449	6	US-10-955-952-224	Sequence 224, A	219	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
147	35	41.7	449	6	US-10-157-779-224	Sequence 224, A	220	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
148	35	41.7	449	6	US-10-964-241-224	Sequence 224, A	221	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
149	35	41.7	449	6	US-10-152-403-224	Sequence 224, A	222	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
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153	35	41.7	477	6	US-10-990-328-10357	Sequence 10357, A	226	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
154	35	41.7	508	6	US-10-732-923-817	Sequence 817, A	227	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
155	35	41.7	508	6	US-10-732-923-817	Sequence 817, A	228	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
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166	35	41.7	886	8	US-60-636-723-559	Sequence 559, A	239	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A
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171	35	41.7	901	1	PCT-US02-09107B-76029	Sequence 76029, A	244	35	41.7	353	6	US-10-732-923-17990	Sequence 17990, A

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3	84	100.0	643	10	US-09-733-179A-11	Sequence 11, Appli
4	84	100.0	643	10	US-09-919-039-204	Sequence 204, App
5	84	100.0	643	16	US-10-755-889-396	Sequence 396, App
6	84	100.0	665	9	US-09-923-302-724	Sequence 724, App
7	84	100.0	665	10	US-09-969-862-724	Sequence 724, App
8	67	79.8	12	10	US-09-733-179A-3	Sequence 3, Appli
9	46	54.8	76	17	US-10-425-115-311583	Sequence 311583,
10	45.5	54.2	156	17	US-10-425-115-196905	Sequence 196905,
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OM protein - protein search, using sw model

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(without alignments)
47.370 Million cell updates/sec

Title: US-09-733-179A-2

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Searched: 478139 seqs, 66318000 residues

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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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OM protein - protein search, using sw model

Run on: January 11, 2005, 18:45:51 ; Search time 466 Seconds
(without alignments)
35.665 Million cell updates/sec

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Perfect score: 84
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Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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SUMMARIES

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91	42.5	50.6	323	30	US-10-425-114A-65066	Sequence 65066, A	164	41	48.8	263	29	US-10-419-128-21542	Sequence 21542, A	
92	42	50.0	73	30	US-10-424-599-226915	Sequence 226915, A	165	41	48.8	271	19	US-09-513-996A-23659	Sequence 23659, A	
93	42	50.0	77	22	US-09-758-438-765	Sequence 765, App	166	41	48.8	271	19	US-09-513-996A-48970	Sequence 48970, A	
94	42	50.0	77	28	US-10-212-760-765	Sequence 765, App	167	41	48.8	284	29	US-10-366-683-32586	Sequence 32586, A	
95	42	50.0	87	30	US-10-424-599-147495	Sequence 147495, A	168	41	48.8	284	29	US-10-413-128-32586	Sequence 32586, A	
96	42	50.0	90	21	US-09-724-676-91069	Sequence 91069, A	169	41	48.8	293	19	US-09-513-996A-23658	Sequence 23658, A	
97	42	50.0	90	21	US-09-724-676A-91069	Sequence 91069, A	170	41	48.8	293	19	US-09-513-996A-48969	Sequence 48969, A	
98	42	50.0	90	23	US-09-864-408A-6272	Sequence 6272, Ap	171	41	48.8	328	30	US-10-424-599-216771	Sequence 216771, A	
99	42	50.0	140	30	US-10-437-963-182534	Sequence 182534, A	172	41	48.8	333	36	US-60-173-464-17393	Sequence 21393, A	
100	42	50.0	142	30	US-10-424-599-273594	Sequence 273594, A	173	41	48.8	333	36	US-60-167-217-21393	Sequence 21393, A	
101	42	50.0	150	30	US-10-425-115-251195	Sequence 251195, A	174	41	48.8	334	20	US-09-614-150-21198	Sequence 21198, A	
102	42	50.0	167	27	US-10-155-881-31917	Sequence 31917, A	175	41	48.8	334	20	US-09-614-150-21198	Sequence 21198, A	
103	42	50.0	167	27	US-10-155-881-31917	Sequence 31917, A	176	41	48.8	334	20	US-09-614-150-21198	Sequence 21198, A	
104	42	50.0	211	27	US-10-156-761-13389	Sequence 276754, A	177	41	48.8	334	20	US-09-614-150-21198	Sequence 21198, A	
105	42	50.0	234	30	US-10-437-963-108490	Sequence 108490, A	178	41	48.8	371	19	US-09-513-996A-23657	Sequence 23657, A	
106	42	50.0	239	29	US-10-366-683-25790	Sequence 25790, A	179	41	48.8	371	19	US-09-513-996A-48968	Sequence 48968, A	
107	42	50.0	239	30	US-10-419-128-25790	Sequence 25790, A	180	41	48.8	371	19	US-10-195-637A-58	Sequence 58, Appl	
108	42	50.0	284	24	US-09-949-016-10245	Sequence 10245, A	181	41	48.8	424	26	US-60-167-217-21258	Sequence 21258, A	
109	42	50.0	284	35	US-10-940-774-10245	Sequence 10245, A	182	41	48.8	523	36	US-60-173-464-17312	Sequence 17312, A	
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111	42	50.0	297	30	US-10-425-114A-46288	Sequence 46288, A	184	41	48.8	524	20	US-09-614-150-21087	Sequence 21087, A	
112	42	50.0	300	1	PCT-US01-08631-31162	Sequence 31162, A	185	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
113	42	50.0	326	30	US-10-449-902-38203	Sequence 38203, A	186	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
114	42	50.0	616	28	US-10-219-999-59322	Sequence 59312, A	187	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
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116	42	50.0	616	30	US-10-425-114-72429	Sequence 72429, A	189	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
117	42	50.0	620	30	US-09-791-537-26312	Sequence 26312, A	190	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
118	42	50.0	641	22	US-09-791-537-26312	Sequence 26312, A	191	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
119	42	50.0	641	22	US-09-791-537-26312	Sequence 26312, A	192	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
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121	42	50.0	641	24	US-09-949-003C-3504	Sequence 3504, Ap	194	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
122	42	50.0	641	27	US-10-170-205E-32635	Sequence 32635, A	195	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
123	42	50.0	641	29	US-10-380-408A-7	Sequence 7, Appl	196	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
124	42	50.0	641	30	US-10-408-765A-1675	Sequence 1675, Ap	197	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
125	42	50.0	641	36	US-60-222-113-73	Sequence 73, Appl	198	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
126	42	50.0	641	36	US-60-389-987-1675	Sequence 1675, Ap	199	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
127	42	50.0	641	36	US-60-412-118-1675	Sequence 1675, Ap	200	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
128	42	50.0	641	36	US-60-443-568-2782	Sequence 2782, Ap	201	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
129	42	50.0	641	36	US-60-452-680-24489	Sequence 24489, A	202	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
130	42	50.0	641	36	US-60-455-444-8437	Sequence 8437, Ap	203	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
131	42	50.0	641	36	US-60-465-241-8437	Sequence 8437, Ap	204	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
132	42	50.0	641	36	US-60-474-850-370	Sequence 370, Ap	205	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
133	42	50.0	801	29	US-10-366-683-29274	Sequence 29274, A	206	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
134	42	50.0	801	29	US-10-419-128-29274	Sequence 29274, A	207	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
135	42	50.0	808	27	US-10-156-761-10993	Sequence 10993, A	208	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
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137	41.5	49.4	188	30	US-10-425-115-334002	Sequence 334002, A	210	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
138	41.5	49.4	394	30	PCT-US01-01354-17343	Sequence 17343, A	211	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
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141	41	48.8	55	26	US-10-092-399-17343	Sequence 17343, A	214	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
142	41	48.8	73	30	US-10-437-963-121555	Sequence 121555, A	215	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	
143	41	48.8	74	22	US-09-758-471-4800	Sequence 4800, Ap	216	41	48.8	524	36	US-60-191-637-21149	Sequence 21149, A	